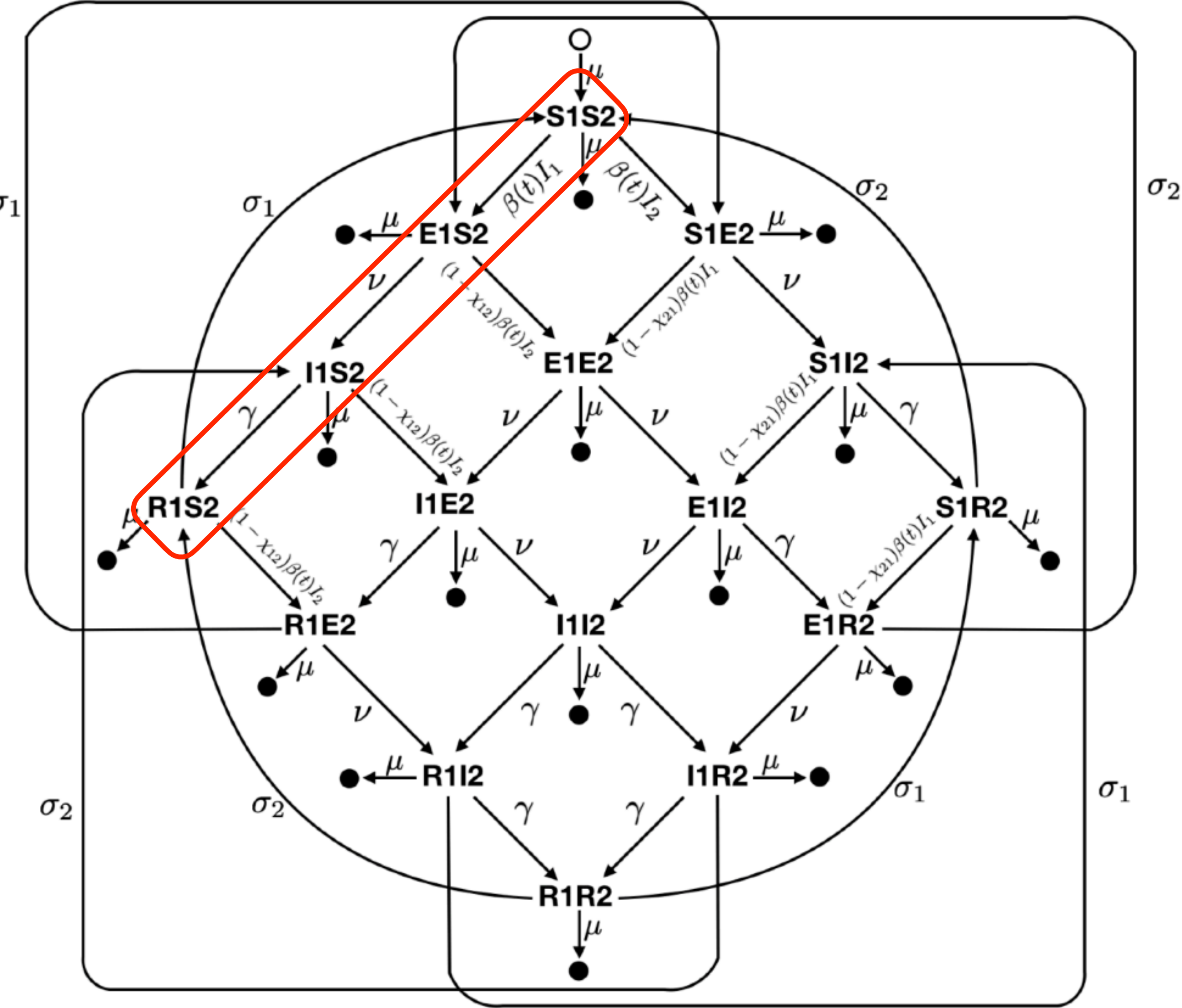
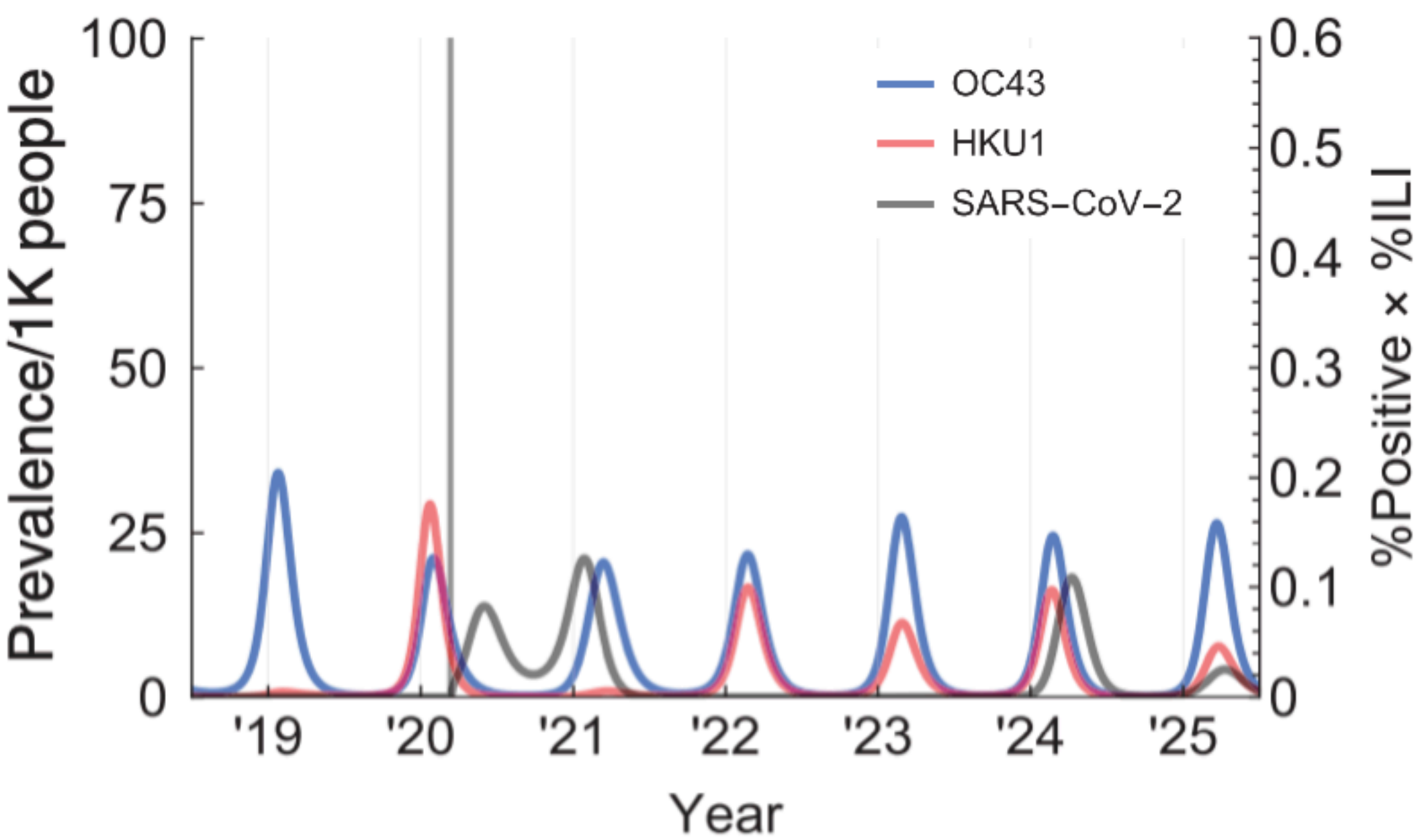


The full model

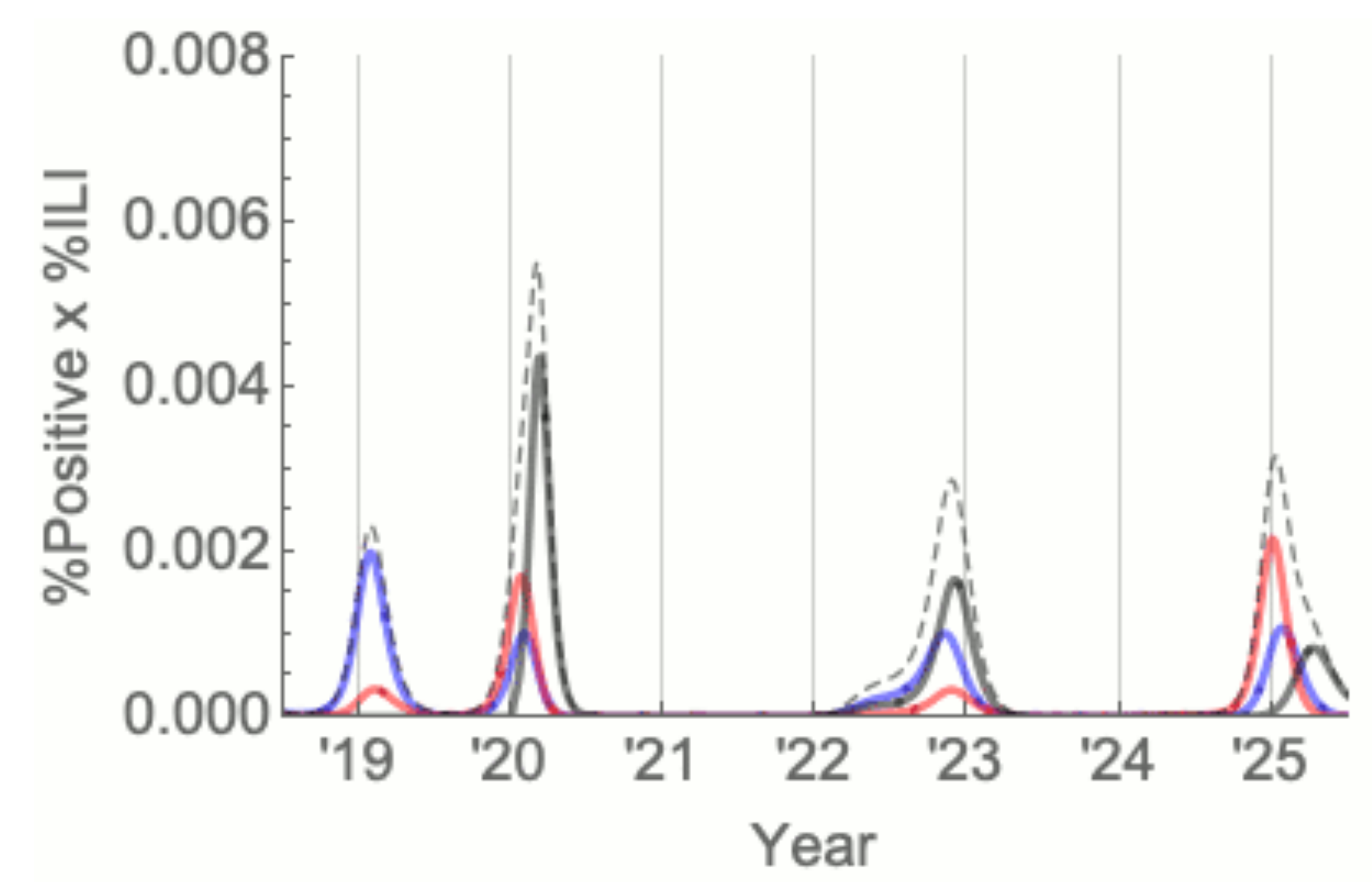
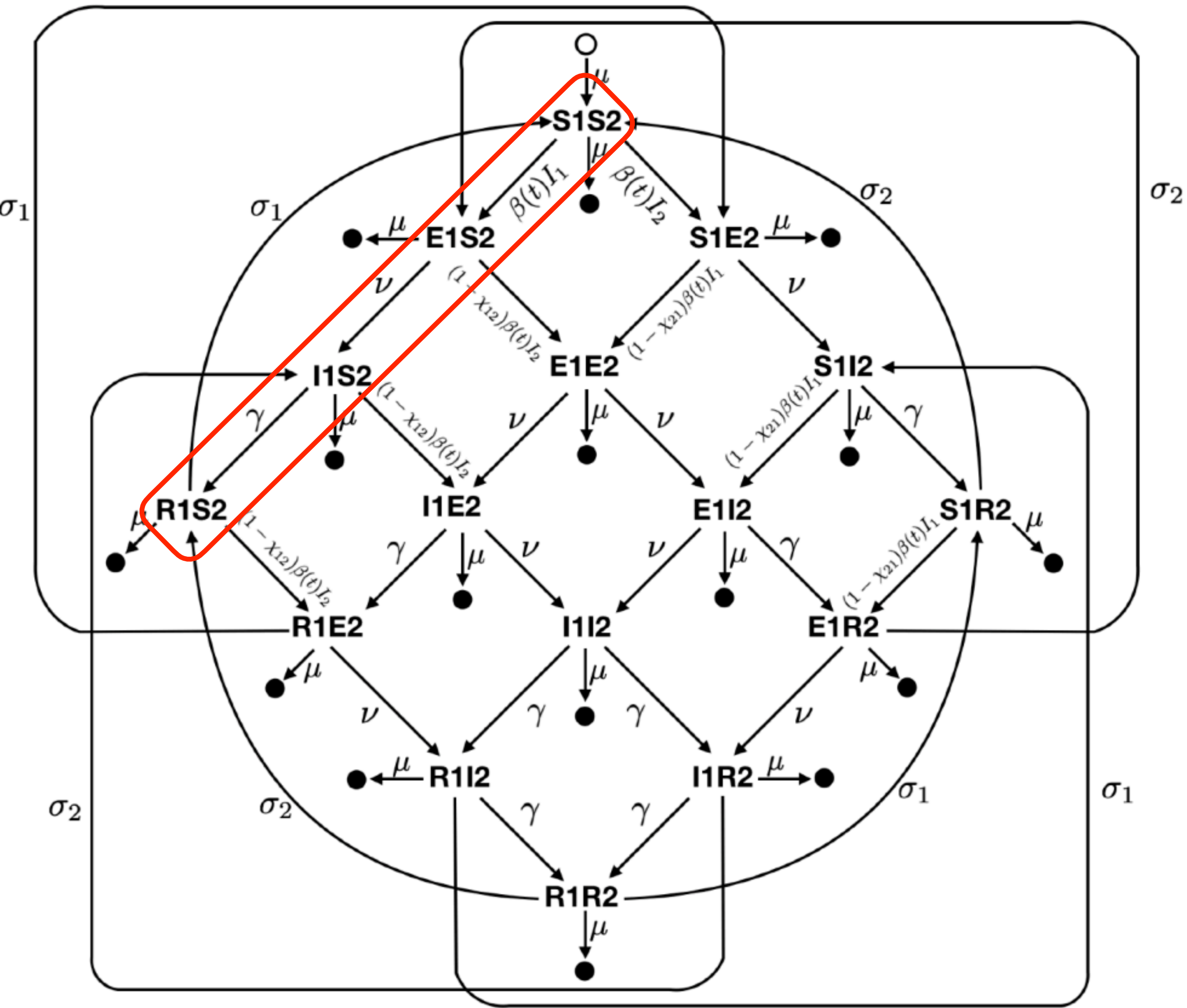


F



Intermediate-length immunity ($1/\sigma = 104$ weeks) and a bit of cross-immunity ($\chi = 0.3$) could make SARS-CoV-2 seem to disappear, only to re-surge years later

The full model



The introduction time can profoundly affect the long-term dynamics!